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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 12

Application Number	10/644,073
Filing Date	08/18/2003
First Named Inventor	Dehao Zhu
Art Unit	2857
Examiner Name	Carol S.W. Tsai
Attorney Docket Number	DS407-200

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Duane Morris LLP		
Signature			
Printed name	Gary R. Maze		
Date	03/17/2005	Reg. No.	42,851

CERTIFICATE OF TRANSMISSION/MAILING

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JPW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zhu, Dehao et al.	§	Examiner:	Tsai, Carol S W
Serial No.:	10/644,073	§	Group Art Unit:	2857
Filing Date:	08/18/2003	§	Attorney Docket:	D5407-200 104-30772-US
Title:	Neural Network Model For Electric Submersible Pump	§		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND OFFICE ACTION RESPONSE

Dear Sir:

Responsive to the Office Action mailed December 23, 2004 please make the following amendments: